

**PATENT APPLICATION FEE DETERMINATION RECORD**  
 Submarine to Form P10-B/5

Subsidiary to Form F10-B/S

10/015673

CLAIMS AS FILED - PAGE 1

[illegible]

CLAIMS AS AMENDED - PART II

114-05

| AMENDMENT A                       | (Column 1)                       | (Column 2)                         | (Column 3)    |
|-----------------------------------|----------------------------------|------------------------------------|---------------|
|                                   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| 10021 -<br>EXP. C.F. 1,000.00     | 9                                | 20                                 |               |
| Independent<br>EST. C.F. 1,000.00 | 2                                | 4                                  |               |

FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (1) (CFR 1.1001)

01/10/9

| SMALL ENTITY    |                | OTHER THAN SMALL ENTITY |                |
|-----------------|----------------|-------------------------|----------------|
| RATE            | ADDITIONAL FEE | RATE                    | ADDITIONAL FEE |
| \$ 1.00         |                | \$ 1.00                 |                |
| \$ 1.00         |                | \$ 1.00                 |                |
| \$ 1.00         |                | \$ 1.00                 |                |
| TOTAL ADD'L FEE |                | TOTAL ADD'L FEE         |                |

|   |                                 |  |                                       |                  |                    |                       |                    |                       |
|---|---------------------------------|--|---------------------------------------|------------------|--------------------|-----------------------|--------------------|-----------------------|
| AMENDMENT #   | 6/12/06                         | INDEPENDENT<br>AFTER<br>137 CFR 1.102(b) | INDEPENDENT<br>PREVIOUSLY<br>PAID FEE | PRESENT<br>EXTRA | NAME               | ADD-<br>TIONAL<br>FEE | MAIL               | ADD-<br>TIONAL<br>FEE |
|   | 137 CFR 1.102(b)                | 2  | 20                                    | 8                |                    |                       |                    |                       |
|   | INDEPENDENT<br>137 CFR 1.102(b) | 4  |                                       |                  |                    |                       |                    |                       |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (137 CFR 1.102(b)) |                                 |  |                                       |                  |                    |                       |                    |                       |
| 3/5/07  |                                 |  |                                       |                  | TOTAL<br>ADD'L FEE |                       | TOTAL<br>ADD'L FEE |                       |

|   | (Column 1)                        | (Column 2)                         | (Column 3)    |                      |                |    |
|---|-----------------------------------|------------------------------------|---------------|----------------------|----------------|----|
|   | CLAIMS REMAINING AFTER AMENDMENTS | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE                 | ADDITIONAL FEE |    |
| TOTAL 131 CFR 1.144(b)  | 9                                 | 2                                  |               | \$ 1.00              |                | CR |
| Independent 131 CFR 1.144(b)                                    | 3                                 |                                    |               | \$ 1.00              |                | GR |
|   |                                   |                                    |               | \$ 1.00              |                | GR |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM 131 CFR 1.144(b) |                                   |                                    |               | TOTAL ADDITIONAL FEE |                | CR |

\* If the entry in column 1 is less than the entry in column 2, make "0" in column 3.  
\* If the "Highest Number Previously Paid For" in THIS SPACE is less than 70, enter "70".  
\* If the "Highest Number Previously Paid For" in THIS SPACE is less than 1, enter "1".  
\* The "Highest Number Previously Paid For" (listed independently in the highest number found in the SECTION also lists in columns 1  
The collection of information is required by 39 CFR 1.16. The information is required in claims to retain a benefit by the holder, which is in the form by the  
including gathering, preparing, and submitting the completed application form to the LCPIO time and any other delay from the individual claim. Any comments  
and Financial Office, if you require to complete the claim and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent  
ADMINISTRATIVE SERVICES, U.S. Department of Commerce, P.O. Box 1870, Alexandria, VA 22304-1870. CONTACT SERVICE CENTER FOR CLAIMS INFORMATION OFFICE AT 1-800-  
AUGUST 19, 2010. All rights reserved. VA 22111-1870